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DESCRIPTORS: Carbon compounds, *Monoxides,
Oxidation, Chromium compounds, *Oxides, Adsorption,
*Catalysts, Semiconductors, Electrical conduction,
Chemical reactions, *Catalysis.

I. Tarama, K.
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CATALYSTS BY HYDROGEN. [1962] [13]p. 7 refs.
Order from SLA \$1.60 62-14963

Trans. of Nihon Kagaku Zasshi (Japan) 1961, v. 82,
no. 4, p. 438-441.

DESCRIPTORS: *Catalysts, Oxides, *Vanadium com-
pounds, Hydrogen, Reduction, Velocity, *Vanadium
catalysts, Crystals, Lattices.

The apparent heat of activation of reduction of vana-
dium (V) oxide catalysts alone by hydrogen did not
change depending on the manner of preparation of the
sample, and a value of 19~21 kcal/mol was pre-
sented. But the velocity of reduction of vanadium (V)
oxide was influenced by the manner of preparation of
the catalyst, and it was discovered that the more the
(Chemistry--Physical, /IT, v. 8, no. 7) (over)

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BON MONOXIDE, AND CARBON DIOXIDE GASES.
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Trans. of Nihon Kagaku Zasshi (Japan) 1960, v. 8,
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dation, Vanadium compounds, *Oxides, *Catalysts,
Semiconductors, Electrical conduction, Adsorption,
Chemical reactions, Oxygen, Carbon dioxide,
*Catalysis.

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DESCRIPTORS: Carbon compounds, *Monoxides, Oxida-
tion, Vanadium compounds, *Oxides, Catalysts, Semi-
conductors, Electrical conduction, Chemical reactions,
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DESCRIPTORS: *Immunity, *Vaccines, *Brucella, *Antigen - antibody reactions, Injection (Medicine), Skin, Lymphatic system.

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